

## CHAPTER 1

### INTRODUCTION

1-1. Purpose. In general, this pamphlet describes the minimum procedures that are required to manage and maintain personal property within USACE. Specifically, it describes the procedures that are needed to implement the USACE maintenance policies and responsibilities defined in ER 750-1-1, as they apply to personal property acquired with Civil and Military funds. Existing manual or automated maintenance management programs may be used to substitute for or replace any method outlined in this pamphlet, as long as pertinent data is captured. This pamphlet also describes the methods required to control and manage personal property and the maintenance program.

1-2. Applicability. This pamphlet applies to all self-propelled, towed, or stationary self-powered personal property, excluding equipment specified in ER 56-2-1 (Administrative Vehicle Management, Civil Works). At the minimum, all equipment with an acquisition value criterion of \$5,000.00 or more, is subject to the full requirements and methods contained in this pamphlet. Individual equipment items that are used together and form a system valued at \$5,000.00 or more are also subject. Equipment with an acquisition value criterion less than \$5,000.00 is not subject to the full requirements and methods herein, but will be maintained in an operational mode.

1-3. References. (See list at Appendix A)

1-4. Distribution. Approved for public release, distribution is unlimited.

1-5. Methods. Methods will be established for the following:

- a. Scheduling maintenance, and recording completed maintenance actions.
- b. Tracking the condition, status, and operation of personal property.
- c. Gathering maintenance information for special studies and projects.
- d. Maintaining historical maintenance data.
- e. Collecting special maintenance information.

1-6. Responsibilities.

- a. Commander, USACE:

(1) Provides command broad guidance for the Materiel Maintenance Program.

(2) Emphasizes the importance of maintenance and ensures that all commanders are held accountable for the conduct of maintenance operations.

b. Director of Logistics, HQUSACE:

(1) Develops concepts, policies, doctrine, and plans for personal property maintenance.

(2) Develops and distributes implementing instructions and procedures to assist commanders in complying with maintenance regulations.

(3) Conducts periodic inspections and staff visits, as appropriate, to determine the adequacy of command maintenance operations, to document deficiencies, and to recommend corrections.

c. Each Activity Commander:

(1) Provides local guidance to their Materiel Maintenance Management Program (MMMP).

(2) Ensures that adequate resources are dedicated to the MMMP and that all maintenance operations in the command are properly supervised.

(3) Appoints a qualified maintenance officer in writing that will oversee the MMMP, as a primary duty.

d. Chief, Logistics Management Office:

(1) Implements HQUSACE guidance and standards and advises the USACE Commander of major changes necessary to improve maintenance policies in the Corps.

(2) Ensures compliance with materiel maintenance standards and the related logistics performance standards.

(3) Develops policies and procedures as necessary to implement the District MMMP.

(4) Assists supervisors in implementing MMMP policies and procedures.

(5) Ensures that equipment disposal inspections are completed.

e. Maintenance Officer: (**See Table 1-1**).

(1) Monitors the maintenance program and advises Chief of Logistics Management of changes necessary to improve local maintenance policies and procedures.

(2) Ensures that materiel maintenance standards are being complied with.

(3) Assists local supervisors in implementing the policies and procedures for the materiel maintenance program.

(4) Is appointed in writing as the Test, Measurement, and Diagnostic Equipment (TMDE) Coordinator and is responsible for developing a TMDE program to ensure compliance with the maintenance plan, regulations, manuals, and bulletins so as to reinforce maintenance discipline. TMDE support activity assignments by USACE element, are listed in **Table 1-2**.

(5) Is appointed in writing as the Oil Analysis Program (OAP) Monitor, who will:

(a) Provide management guidance, technical supervision and assistance to activities affiliated with the division, district, etc.

(b) Ensure that all activities participate in an OAP program (Army OAP Laboratory assignments by USACE element are listed in **Table 1-3**.

(c ) Recommend systems for inclusion in the OAP and sampling intervals for systems.

(6) Manages the activity's warranty program to include all matters related to warranty claim actions (WCA).

(7) Is required to conduct annual site visits and prepare written evaluations and reviews the Materiel Maintenance Program within the district. Annual evaluation will be sent through the Chief, LMO, to the activity commander.

(8) Develops and implements the district maintenance plan, performs annual reviews and posts changes as needed.

f. Maintenance Manager: (Refer to Table 1-1).

(1) Identifies maintenance requirements and ensures that all scheduled and unscheduled maintenance of all personal property is performed expeditiously and by the most economical means.

- (2) Oversees the functions of Maintenance Coordinators within their activity.
- (3) Prepares and implements the activity's maintenance sub-plans.
- (4) Determines resources and personal property specific requirements.
- (5) Monitors personal property performance and evaluates the maintenance program.
- (6) Ensures all maintenance programs are executed.

g. Maintenance Coordinator: ( Refer to Table 1-1)

- (1) Ensures that maintenance data are maintained and transferred to permanent records.
- (2) Is responsible for tracking and complying with warranty requirements.
- (3) Is responsible for dispatching functions.
- (4) Ensures that scheduled and unscheduled maintenance is performed.
- (5) Is responsible for upward reporting requirements through maintenance channels.
- (6) Is responsible for the maintenance of specific items of personal property or for groups of personal property.
- (7) Receives Equipment Maintenance Checks and Services (EMCS) and determines if personal property is operational and safe for use.
- (8) Maintains operator/usage records (equipment usage is covered in Chapter 9 and important information is also contained in **Tables 1-4 and 1-5**.

1-5. Explanation of Terms. Words with special meanings for users of this pamphlet are explained in the glossary.

1-6. Types of Records in this Pamphlet.

a. Operational records. Operational records provide the information necessary to plan, manage, and ensure optimum use of personal property. They are covered in Chapter 3 of this pamphlet.

b. Maintenance records. Maintenance records control maintenance schedules and services, inspections, and repair workloads. These records are covered in Chapter 4 of this pamphlet.

c. Oil Analysis Program. Technical information, instructions, and operating procedures for non aeronautical personal property enrolled in the OAP are described in Chapter 5. Policies, objectives, and responsibilities of the OAP are prescribed in Chapter 3 of ER 750-1-1.

d. Equipment historical records. Historical records are permanent forms documenting the receipt, operation, maintenance, transfer, and disposal of individual items of personal property. Chapter 6 of this pamphlet covers historical records.

e. Watercraft Records. Records for floating craft are covered in Chapter 7 of this pamphlet.

1-7. Exceptions. Supplementation of this pamphlet is not authorized.

1-8. General Instructions.

a. Information about forms and records, samples, details about their use and how they are completed are found in Appendix B. Data required by the maintenance plan shall be captured on the sample forms or through other methods. Unless the specific instructions for sample forms say otherwise, the following rules apply:

(1) Forms may be overprinted when the information is repeated each time the form is used for a particular purpose.

(2) Use sample forms and illustrations only as guides and leave unnecessary entries blank.

(3) Disposition instructions are provided for sample forms. Forms may be retained beyond specified use periods when local management requirements or special situations dictate.

1-9. Form Requirements.

a. Forms and records provide a picture of the condition of equipment, its operation and needs. The ultimate purpose of this information is to ensure the equipment is safe and ready to perform its mission.

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b. Operators, dispatchers, mechanics and supervisors have an equal stake in properly maintaining the forms.

c. Forms and records will not be redone, merely for neatness. Only remake historical forms and records when the original is lost or so damaged that the information is no longer legible.

**Table 1-1 Maintenance Responsibility Structure**

<b>Title</b>	<b>Job Description</b>
<b><i>Maintenance Officer</i></b>	1. Monitors Maintenance Program
	2. Advise Chief of Logistics of Changes
	3. Assures that Materiel Maintenance Standards are Being Complied With.
	4. Assist Local Supervisors in Implementing Policies/Procedures for Materiel Maintenance Program
	5. Appointed in Writing as the Oil Analysis Program (OAP) Monitor, Who Will:
	(a) Provide Management Guidance, Technical Supervision/ Assistance to Activities Affiliated With Division/District etc.
	(b) Assure all Activities Participate in An OAP
	(c) Recommend Systems for Inclusion in OAP/ Sampling Intervals for System
	6. Appointed in Writing as TMDE Coordinator
	(a) Responsible to Develops TMDE Program Which Will:
	(b) Ensure Compliance with Maintenance Plan, Regulations, Manuals, and Bulletins to Reinforce Maintenance discipline
	7. Manage Activity's Warranty Program
	8. Conduct Annual Site Visits and Prepare Written Evaluations/ Reviews of Materiel Maintenance Program Within District
<b><i>Maintenance Officer (Continued)</i></b>	9. Develops and Implements the Maintenance Plan With Annual Reviews/Changes Posted
	10. Responsible for Equipment Usage Reports
*****	*****

<b>Maintenance Manager</b>	1. Assures Schedule/Unscheduled Maintenance of Personal Property is Performed Expeditiously
	2. Oversees Maintenance Coordinators Functions
	3. Identifies Maintenance Requirements
	4. Prepares and implements Activity's Maintenance Sub-plans
	5. Determines Resources/Personal Property Specific Requirements
	6. Monitors Personal Property Performance and Evaluate Maintenance Program
	7. Assures all Maintenance Programs are Executed
	8. Responsible for Collecting and Recording Cost of Parts, Labor and Contracts for Each Piece of Equipment
*****	*****
<b>Maintenance Coordinator</b>	1. Assures Maintenance Data are Maintained and Transferred to Permanent Record
	2. Responsible for Tracking/Complying with Warranty Requirements
	3. Responsible for Dispatching Functions
	4. Assures Schedule/Unscheduled Maintenance is Performed
	5. Responsible for Upward Reporting Requirements
	6. Responsible for The Maintenance of Specific Item(s) of Personal Property or Group of Personal Property
<b>Maintenance Coordinator (Continued)</b>	7. Receives Equipment Maintenance Checks and Services (EMCS) and Determines Safety of Personal Property
	8. Maintains Operator/Utilization Records
*****	*****
<b>Operator</b>	1. Process Upward Reporting as Required

	2. Reports Operating Irregularities to MC for Action
	3. Reports Repair Parts Used
	4. Responsible for Safe Operation of Personal Property
	5. Performs and Report EMCS
	6. Performs Operator Maintenance
*****	*****
<i>Maintenance Activity</i>	1. Perform Maintenance and Repairs
	2. Reports Condition of Personal Property
	3. Reports Parts and Labor
	4. Performs Equipment PMCS

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**Table 1-2 TMDE Support Activity Assignments in USACE**

<b>USACE Activity</b>	<b>USATA Support Activity</b>
<b>CEHNC-LM</b> PO Box 1600 Huntsville, AL 35807-4301	<b>Redstone Arsenal</b>
<b>CEMVD-LM</b> P.O. Box 80 Vicksburg, MS 39181-0080	<b>TSC Anniston</b>
<b>CEMVM-LO</b> B-202 Clifford Davis Fed Bldg.. Memphis, TN 38103-1894	<b>TSC Pine Bluff</b>
<b>CEMVN-LM</b> P.O. BOX 60267 New Orleans, LA 70160-0267	<b>TSC Anniston</b>
<b>CEMVS-LM</b> 1222 Spruce St. St. Louis, MO 63103-2833	<b>TSC Fort Leonard Wood</b>
<b>CEMVK-LM</b> 2101 N Frontage Rd. Vicksburg, MS 39181-5191	<b>TSC Anniston</b>
<b>CENWD-LM</b> P.O. Box 103 Downtown Station Omaha, NE 68101-0103	<b>TSC Ft. Riley</b>
<b>CENWK-LM</b> 700 Federal Bldg. 601 E. 12th Street Rm. 648 Kansas City, MO 64106-2896	<b>TSC Ft. Riley</b>

<b>CENWO-LM</b> 215 North 17th Street Omaha, NE 68102-4978	<b>TSC Ft. Riley</b>
<b>CENAE-LO</b> 424 Trapelo Road Waltham, MA 02254-9149	<b>TSC Ft. Devens</b>
<b>CENAD-LM</b> 90 Church Street New York, NY 1007-2979	<b>TSC Picatinny</b>
<b>CENAB-LO</b> P.O. Box 1715 Baltimore, MD 21203-1715	<b>TSC Aberdeen</b>
<b>CENAN-LM</b> 26 Federal Plaza, Room 1873 New York, NY 10278-0090	<b>TSC Picatinny</b>
<b>CENAO-LM</b> 803 Front Street Norfolk, VA 23510-1096	<b>TSC Ft. Eustis</b>
<b>CENAP-LM</b> Wannamaker Bldg. 100 Penn Square East Philadelphia, PA 19107-3390	<b>TSC Ft. Dix</b>
<b>CELRD-LM</b> 111 N. Canal Street Chicago, IL 60606-7205	<b>TSC Ft. Sheridan</b>
<b>CELRB-LM</b> 1776 Niagara Street Buffalo, NY 14207-3199	<b>TSC Watervliet</b>
<b>CELRC-LM</b> 111 N Canal Street Chicago, IL 60606-7206	<b>TSC Ft. Sheridan</b>

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<b>CELRE-LM</b> P.O. Box 1027 Detroit, MI 48231-1027	<b>TSC Warren</b>
<b>CEMVR-LM</b> P.O. Box 2004 Clock Tower Building Rock Island, IL 61204-2004	<b>TSC Rock Island</b>
<b>CEMVP-LM</b> 190 th Street E. St. Paul MN 55101-1638	<b>TSC Ft. McCoy</b>
<b>CENWD-LM</b> P.O. Box 2870 Portland, OR 97208-2870	<b>TSC Ft. Lewis</b>
<b>CEPOA-LM</b> P.O. Box 898 Anchorage, AK 99506-0898	<b>TSC Ft. Greely</b>
<b>CENWP-LM</b> P.O. Box 2946 Portland, OR 97208-2946	<b>TSC Ft. Lewis</b>
<b>CENWS-LM</b> P.O. Box 3755 Seattle, WA. 98124-2255	<b>TSC Ft. Lewis</b>
<b>CENWW-LM</b> 201 N. 3rd Avenue Walla Walla, WA 99362-9265	<b>TSC Ft. Lewis</b>
<b>CELRD-LM</b> P.O. Box 1159 Cincinnati, OH 45201-1159	<b>TSC Richmond</b>
<b>CELRH-LM</b> 502 Eight Street Huntington, WV 25701-2070	<b>TSC Richmond</b>

<b>CELRL-LM</b> P.O. Box 59 Louisville, KY 40201-0059	<b>TSC Ft. Knox</b>
<b>CELRN-LM</b> P.O. Box 1070 Nashville, TN 37202-1070	<b>TSC Ft. Campbell</b>
<b>CELRP-LM</b> William S. Moorehead Fed Bldg. 1000 Liberty Avenue Pittsburgh, PA 15222-4186	<b>TSC Letterkenny</b>
<b>CEPOD-LO</b> Building 230 Ft. Shafter, HI 96858-5440	<b>ATSD Hawaii</b>
<b>CEPOF-LO</b> Far East Unit 15546 APO AP 96205-0610	<b>ATSD Hawaii</b>
<b>CEPOJ-LO</b> UASEDJ Unit 45010 APO AP 96343-0061	<b>ASTD Japan</b>
<b>CESAD-LM</b> 77 Forsythe St., SW., Rm. 313 Atlanta, GA 30335-6801	<b>TSC Ft. Gillem</b>
<b>CESAC-LM</b> P.O. Box 919 Charleston, SC 29402-0919	<b>TSC Hunter Army Air Field</b>
<b>CESAJ-LM</b> P.O. Box 4970 Jacksonville, FL 32232-0019	<b>TSC Anniston</b>

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<b>CESAM-LM</b> P.O. Box 2288 Mobile, AL 36628-0001	<b>TSC Anniston</b>
<b>CESAS-LM</b> P.O. Box 889 Savannah, GA 31402-0889	<b>TSC Hunter Army Air Field</b>
<b>CESAW-LM</b> P.O. Box 1890 Wilmington, NC 28402-1890	<b>TSC Ft. Bragg</b>
<b>CESPD-LM</b> 630 Sansome Street, Room 720 San Francisco, CA 94111-2206	<b>TSC Stockton</b>
<b>CESPL-LM</b> P.O. Box 2711 Los Angeles, CA 90053-2325	<b>TSC Los Alamitos</b>
<b>CESPK-LM</b> 1225 J Street, Sacramento, CA 95814-2922	<b>TSC Stockton</b>
<b>CESPN-LM</b> 211 Main Street San Francisco, CA 94105-1905	<b>TSC Stockton</b>
<b>CESWD-LO</b> 1114 Commerce Street Room 413A Dallas, TX 75242-0216	<b>TSC Ft. Sill</b>
<b>CESPA-LO</b> P.O. Box 1580 Albuquerque, NM 87103-1580	<b>TSC White Sands</b>
<b>CESWF-LO</b> P.O. Box 17300 Ft. Worth, TX 76102-0300	<b>TSC Ft. Sill</b>

<b>CESWG-LO</b> P.O. Box 1229 Galveston, TX 77553-1229	<b>TSC Corpus Christi</b>
<b>CESWL-LO</b> P.O. Box 867 Little Rock, AR 72203-0867	<b>TSC Pine Bluff</b>
<b>CESWT-LO</b> P.O. Box 61 Tulsa, OK 74121-0061	<b>TSC McAlester</b>
<b>CETAC-LM</b> P.O. Box 2250 Winchester, VA 22604-1450	<b>TSC Letterkenny</b>
<b>CETAE-LM</b> UNIT 25727 APO AE 09242	<b>74 Maint. Branch</b>
<b>CETEC-IM-S</b> BLDG. 2592 Ft. Belvoir, VA 22060-5546	<b>TSC Ft. Belvoir</b>
<b>CETEC-ES</b> Casey Building, # 2594 Ft. Belvoir, VA 22060-5583	<b>TSC Ft. Belvoir</b>
<b>CEWES-LM-Z</b> 3909 Halls Ferry Rd. Vicksburg, MS 39181-6199	<b>TSC Anniston</b>
<b>CECRL-LM</b> 72 Lyme Road Hanover, NH 03755-1290	<b>Ft. Devens</b>
<b>CECER-LM</b> P.O. Box 9005 Champaign, IL 61826-9005	<b>TSC Ft. Knox</b>

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<b>CECPW</b> 7701 Telegraph Rd Alexandria, VA 22310-3862	<b>TSC Ft. Belvoir</b>
<b>CEWRC-LM</b> Casey Building #2594 Ft. Belvoir, VA 22060-5586	<b>TSC Ft. Belvoir</b>
<b>CEHEC-LM</b> 7701 Telegraph Rd. Alexandria, VA 22310-3860	<b>TSC Ft. Belvoir</b>

**Table 1-3 Oil Analysis Program Laboratory Assignments in USACE**

<b>Organization:</b>	<b>Phone:</b>	<b>Laboratory:</b>
USAE Division, Mississippi Valley	Maintenance Officer (601) 634-7784	Ft. Polk, LA (FORSCOM)
USAE District, Memphis	Maintenance Officer (901) 544-3925	Ft. Campbell, KY (FORSCOM)
USAE District, New Orleans	Maintenance Officer (504) 862-1209	Ft. Polk, LA (FORSCOM)
USAE District, St. Louis	Maintenance Officer (314) 331-8017	Ft. Riley, KS (FORSCOM)
USAE District, Vicksburg	Maintenance Officer (601) 631-7486	Ft. Polk, LA (FORSCOM)
USAE District, Rock Island	Maintenance Officer (309) 794-5217	Ft. Campbell, KY (FORSCOM)
USAE District, St. Paul	Maintenance Officer (612) 290-5222	Ft. Riley, KS (FORSCOM)
USAE Division, Northwestern	Maintenance Officer (503) 808-3717	Ft. Lewis, WA (FORSCOM)
USAE District, Portland	Maintenance Officer (503) 808-4650	Ft. Lewis, WA (FORSCOM)
USAE District, Seattle	Maintenance Officer (206) 764-3724	Ft. Lewis, WA (FORSCOM)
USAE District, Walla Walla	Maintenance Officer (509) 527-7041	Ft. Lewis, WA (FORSCOM)
Missouri River Regional Headquarters	Maintenance Officer (402) 697-2444	Ft. Riley, KS (FORSCOM)
USAE District, Kansas City	Maintenance Officer (816) 426-3480	Ft. Riley, KS (FORSCOM)
USAE District, Omaha	Maintenance Officer (402) 221-3241	Ft. Riley, KS (FORSCOM)
USAE Division, North Atlantic	Maintenance Officer (212) 264-7464	Ft. Drum, NY (FORSCOM)
USAE District, Baltimore	Maintenance Officer (410) 962-4091	Ft. Eustis, VA (TRADOC)

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USAE District, Norfolk	Maintenance Officer (757) 441-7800	Ft. Eustis, VA (TRADOC)
USAE District, New England	Maintenance Officer (617) 647-8794	Ft. Drum, NY (FORSCOM)
USAE District, New York	Maintenance Officer (212) 264-0222	Ft. Drum, NY (FORSCOM)
USAE District, Philadelphia	Maintenance Officer (215) 656-6808	Ft. Eustis, VA (TRADOC)
Great Lakes and Ohio River Division	Maintenance Officer (513) 684-6448	Ft. Knox, KY (TRADOC)
USAE District, Huntington	Maintenance Officer (304) 529-5296	Ft. Knox, KY (TRADOC)
USAE District, Louisville	Maintenance Officer (502) 582-5637	Ft. Knox, KY (TRADOC)
USAE District, Nashville	Maintenance Officer (Acting), (615) 736- 5649	Ft. Campbell, KY (FORSCOM)
USAE District, Pittsburgh	Maintenance Officer (412) 395-7463	Ft. Eustis, VA (TRADOC)
Great Lakes Regional Headquarters	Maintenance Officer (312) 353-6400 ext. 1200	Ft. Knox, KY (TRADOC)
USAE District, Buffalo	Maintenance Officer (716) 879-4103	Ft. Drum, NY (FORSCOM)
USAE District, Chicago	Maintenance Officer (312) 353-6400 ext. 1200	Ft. Campbell, KY (FORSCOM)
USAE District, Detroit	Maintenance Officer (313) 226-5358	Ft. Knox, KY (TRADOC)
USAE Division, Pacific Ocean	Maintenance Officer (808) 438-9727	Pearl Harbor, HI (JOAP Lab)
USAE District, Alaska	Maintenance Officer (907) 753-2559	Ft. Richardson, AK (USARPAC)

USAE District, Far East	Maintenance Officer Comm-011-82-2-274-3779	Camp Stanley, Korea (USEIGHT)
USAE District, Japan	Maintenance Officer Comm-011-81-3117-63-3910	Camp Carroll, Korea (USEIGHT)
USAE Division, South Atlantic	Maintenance Officer (404) 331-4419	Hunter AAF, GA (FORSCOM)
USAE District, Jacksonville	Maintenance Officer (904) 232-2275	Hunter AAF, GA (FORSCOM)
USAE District, Mobile	Maintenance Officer (334) 441-5191	Ft. Benning, GA (TRADOC)
USAE District, Charleston	Maintenance Officer (803) 727-4352	Ft. Bragg, NC (FORSCOM)
USAE District, Savannah	Maintenance Officer (912) 652-5776	Hunter AAF, GA (FORSCOM)
USAE District, Wilmington	Maintenance Officer (910) 251-4643	Ft. Bragg, NC (FORSCOM)
USAE Division, South Pacific	Maintenance Officer (415) 977-8200	Ft. Lewis, WA (FORSCOM)
USAE District, Los Angeles	Maintenance Officer (213) 452-3910	Ft. Lewis, WA (FORSCOM)
USAE District, Albuquerque	Maintenance Officer (505) 342-3130	Ft. Bliss, TX (TRADOC)
USAE District, Sacramento	Maintenance Officer (916) 577-5334	Ft. Lewis, WA (FORSCOM)
USAE District, San Francisco	Maintenance Officer (415) 977-8635	Ft. Lewis, WA (FORSCOM)
USAE Division, Southwestern	Maintenance Officer (214) 767-2334	Ft. Sill, OK (TRADOC)
USAE District, Ft. Worth	Maintenance Officer (817) 978-2275	Corpus Christi Army Depot (DESCOM)
USAE District, Galveston	Maintenance Officer (409) 766-3838	Corpus Christi Army Depot (DESCOM)

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USAE District, Little Rock	Maintenance Officer (501) 324-5650	Ft. Polk, LA (FORSCOM)
USAE District, Tulsa	Maintenance Officer (918) 669-7439	Ft. Sill, OK (TRADOC)
US Army Engineering and Support Center, Huntsville	Maintenance Officer (205) 895-1680	Ft. Benning, GA (TRADOC)
Tranatlantic Programs Center	Maintenance Officer (540) 665-3617	Ft. Eustis, VA (TRADOC)
Tranatlantic Programs Center, Europe District	Maintenance Officer Comm-011-49-611-816-2470	Mannheim Oil Lab, Germany (USAREUR)
US Army Topographic Engineering Center	Maintenance Officer (703) 428-9023	Ft. Eustis, VA (TRADOC)
US Army Cold Regions Research and Engineering Laboratory	Maintenance Officer (603) 646-4324	Ft. Drum, NY (FORSCOM)
US Army Construction Engineering Research Laboratory	Maintenance Officer (217) 373-6799	Ft. Campbell, KY (FORSCOM)
USAE Waterways Experiment Station	Maintenance Officer 601) 634-2509	Ft. Polk, LA (FORSCOM)
USAE Center for Public Works	Maintenance Officer (703) 806-5622	Ft. Eustis, VA (TRADOC)
USAE Water Resources Support Center	Maintenance Officer (703) 428-7166	Ft. Eustis, VA (TRADOC)
USAE Humphreys Engineer Center	Maintenance Officer (703) 428-6549	Ft. Eustis, VA (TRADOC)

**Table 1-4 Equipment Usage Tracking List for USACE**

	Equipment Category Code	Nomenclature	Federal Supply Class
1	LE	Boat, Tow	1925
2	LE	Boat, Tug	1925
3	LG	Motor, Outboard, 100 HP and Larger	2010
4	LH	Crane, Barge Mtd	3950
5	LH	Derrick, Crane Barge	3950
6	NB	Distributor, Water, 1000 Gal & Above, Trk Mtd, Eng Driven	3825
7	NB	Mixer, Concrete, Trailer Mounted	3895
8	NB	Mixer, Concrete, Truck Mounted	3895
9	NC	Scraper, Earthmover, Self Propelled	3805
10	NC	Scraper, Earthmover ing, Towed	3805
11	ND	Tractor, Full Tracked, with Backhoe/Loader	2430
12	ND	Tractor, Full Tracked, with Bulldozer, High Speed	2430
13	ND	Tractor, Full Tracked, with Bulldozer, Low Speed	2410

14	ND	Tractor, Wheeled, Industrial, with Bulldozer	2420
15	ND	Tractor, Wheeled, Industrial, with Backhoe/Loader	2420
16	ND	Tractor, Wheeled, Industrial, with Bulldozer	2420
17	NE	Grader, Road Motorized (All)	3805
18	NF	Crane, Crawler Mtd	3810
19	NF	Crane, Truck Mtd	3810
20	NF	Crane, Wheel Mtd	3810
21	NF	Crane Shovel, Crawler Mounted	3810
22	NF	Crane Shovel, Truck Mounted	3810
23	NF	Excavator, Multi- Purpose, Crawler Mounted	3805
24	NF	Excavator, Multi- Purpose, Truck Mtd	3805
25	NG	Loader , Scoop, Engine Driven, Full Tracked	3805
26	NG	Loader , Scoop. Eng Driven, Wheel Mtd	3805
27	NH	Roller, Motorized, Engine Driven	3895

28	NH	Roller, Vibratory, Self Propelled	3895
29	NJ	Drill, Machine, Truck Mounted	3820
30	NJ	Drill, Machine Truck Mounted	3820
31	NJ	Truck, Well Drill Support	3820
32	NN	Truck, Concrete Mixer, CCE	3895
33	NN	Truck, Dump, CCE, 20T	3805
34	NV	Auger, Earth, Skid Mtd, Engine Driven	3820
35	NV	Auger, Earth, Truck Mtd, Engine Driven	3820
36	NV	Compactor, Motorized (HS)	3805
37	NV	Ditching Machine, Engine Driven	3805
38	NV	Hammer, Pile Driven Self Powered, (All)	3895
39	NV	Sweeper, Rotary, Self Propelled	3825
40	PA	Crane Truck, Warehouse, Electric	3810
41	PA	Crane Truck, Warehouse, Engine Driven	3950

42	PB	Truck, Forklift, Electric, 4000, Lbs., and Above	3930
43	PC	Truck, Forklift, Gas Engine Driven, 4000 Lbs., and Above	3930
44	PE	Tractor, Wheeled, Warehouse, Electric	3930
45	PE	Tractor, Wheeled, Warehouse, Engine Driven	3930
46	PG	Truck, Forklift, Rough Terrain	3930
47	PI	Truck, Forklift, Diesel Engine Driven	3930
48	QB	Generator Set, Skid Mounted, 15 kw and Above	6115
49	QB	Generator Set, Trailer Mounted, 15 kw and Above	6115
50	QB	Generator Set, Truck Mounted, 15 kw and Above	6115
51	QB	Generator Set, Wheel Mounted, 15 kw and Above	6115
52	QC	Compressor, Skid Mounted, 125 CFM, 100 psi and Above	4310

53	QC	Compressor, Trailer Mounted, 125 CFM, 100 psi and Above	4310
54	QC	Compressor, Truck Mounted, 125 CFM, 100 psi and Above	4310
55	QC	Compressor, Wheel Mounted, 125 CFM, 100 psi and Above	4310
56	QD	Pump, Centrifugal, Water, Eng. Driven, Skid Mounted	4320
57	QD	Pump, Recip., Water, Engine Driven, Skid Mounted	4320
58	QG	Welding Machine, Skid Mounted	3431
59	QG	Welding Machine, Trailer Mounted	3431
60	QU	Truck, Fire Fighting Equipment Engine Driven (All)	4210
61	QU	Pump, Fire Fighting Equip., Trailer Mtd	4210
62	SY	Snow blower, Self Propelled	3825
63	SY	Snow blower, Truck Mounted	3825

**Table 1-5 Equipment Usage Standards in USACE**

<b>ECC</b>	<b>FSC</b>	<b>Nomenclature</b>	<b>Usage Standard in % (Minimum)</b>	<b>Usage Standard in % (Objective)</b>
LE	1925	Boat, Tow	45 Days	N / A
LE	1925	Boat, Tug	45 Days	N / A
LG	2010	Propelling Unit, Outboard, 100 HP and Larger	45 Days	N / A
LH	3950	Crane, Barge Mounted	45 Days	N / A
LH	3950	Derrick, Crane Barge	45 Days	N / A
Miscellaneous		Capatilized equipment not listed in this table (see ER 37-2-10, Chapter 1)	45 Days	N / A ( Provisions of this exception apply ONLY to the minimum standard, NOT data collection.
NB	3825	Distributor, Water, 1000 Gal and Above	10	25
NB	3895	Mixer, Concrete, Trailer Mounted	10	25
NB	3895	Mixer, Concrete, Truck Mounted	10	25.
NC	3805	Scraper, Earthmoving, Self Propelled	15	30
NC	3805	Scraper, Earthmoving, Towed	15	30
ND	2430	Tractor, Full Tracked, with Backhoe/Loader	20	40
ND	2430	Tractor, Full Tracked, w/ Bulldozer, High Speed	20	40
ND	2430	Full Tracked, with Bulldozer, Low Speed	20	40
ND	2420	Tractor, Wheeled, Industrial, With Bulldozer	20	40
ND	2420	Tractor, Wheeled, with Backhoe/Loader	20	40

ND	2420	Tractor, Wheeled W/Backhoe, W/Loader	20	40
NE	3805	Grader, Road Motorized	15	30
NF	3810	Crane, Crawler Mounted	15	30
NF	3810	Crane, Truck Mounted	15	30
NF	3810	Crane, Wheel Mounted	15	30
NF	3810	Crane Shovel, Crawler Mtd	15	30
NF	3810	Crane Shovel, Truck Mounted	15	30
NF	3805	Excavator, Multi-Purpose, Crawler Mounted	15	30
NF	3895	Excavator, Multi-Purpose, Truck Mounted	15	30
NG	3895	Loader, Scoop, Engine Driven, Full Tracked	15	30
NG	3820	Loader, Scoop, Engine Driven, Wheel Mounted	15	30
NH	3820	Roller, Motorized, Engine Driven	10	25
NH	3820	Roller, Vibratory, Self Propelled	10	25
NJ	3820	Drill, Truck Mounted	20	30
NJ	3820	Drill, Pneumatic Drifter, Crawler Mtd	20	30
NJ	3820	Truck, Well Drill Support	20	30
NN	3895	Truck, Concrete Mixer, CCE	10	25
NN	3805	Truck, Dump, CCE, 20T	20	40
NV	3820	Auger, Earth, Skid Mounted, Engine	10	25

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NV	3820	Auger, Earth, TRK Mounted	10	25
NV	3805	Compactor, Motorized	10	25
NV	3805	Ditching Machine, Engine Driven	10	25
NV	3895	Hammer, Pile Driven, Self Powered, (All	15	25
NV	3825	Sweeper, Rotary, Self Propelled	10	25
PA	3930	Crane Truck, Warehouse, Electric	10	35
PA	3930	Crane Truck, Warehouse, Engine Driven	20	35
PB	3930	Forklift, Electric, 4000 Lbs. and Above	15	25
PB	3930	Truck, Forklift, Gas Engine Driven, 4000 Lbs. and Above	25	50
PE	3930	Tractor, Wheeled, Warehouse, Electric	25	50
PE	3930	Tractor, Wheeled Warehouse, Engine Driven	25	50
PG	3930	Truck, Forklift-Rough Terrain	25	50
PI	3930	Truck, Forklift, Diesel Engine Driven	25	50
QB	6115	Generator Set, Skid Mounted, 15 Kw & Above	20	40
QB	6115	Generator Set, Trailer Mounted, 15 Kw & Above	20	40
QB	6115	Generator Set, Truck Mounted, 15 Kw & Above	20	40

QB	6115	Generator Set, Wheel Mounted, 15 Kw & Above	20	40
QC	4310	Compressor, Skid Mounted, 125 CFM, 100 psi and Above	15	30
QC	4310	Compressor, Trailer Mounted, 125 CFM, 100 psi and Above	15	30
QC	4310	Compressor, Truck Mounted, 125 CFM, 100 psi and Above	15	30
QC	4310	Compressor, Wheel Mounted, 125 CFM, 100 psi and Above	15	30
QD	4320	Pump, Centrifugal, Water, Engine Driven, Skid Mounted	10	20
QD	4320	Pump, Reciprocating, Water, Engine Driven, Skid Mounted	10	20
QG	3431	Welding Machine, Skid Mounted	20	40
QG	3431	Welding Machine, Trailer Mounted	20	40
QU	4210	Truck, Fire Fighting Equipment Engine Driven	10	20
QU	4210	Pump, Fire Fighting, Trailer Mounted	10	20
SY	3825	Snow-blower, Self propelled	10	20
SY	3825	Snowplow Truck Mounted	10	20